To: Matt Lepore - DNR[matt.lepore@state.co.us]

Cc: McGrath.Shaun@epa.gov[McGrath.Shaun@epa.gov]; Hestmark,

Martin[Hestmark.Martin@epa.gov]

From: Card, Joan

Sent: Fri 5/29/2015 3:55:19 PM **Subject:** FW: Update on well review

Matt, we want you to be aware of the message below. We hear from Ms. Bracken from time to time and have not provided her a substantive response yet. As we've told you, we hope to develop that substantive response with you. This message includes important references to COGCC. If you have any input into our immediate response to this message, we'd like to hear it. Otherwise, we will give her our standard response along the lines of "we're working on it."

As an aside, we saw that the Commission recently heard a case of liquids flowing from a well in East Divide Creek.

We look forward to our conversation on June 9 in your office. I'll be on travel out of the country, so will not be participating that day.

Best, Joan

From: Pfeiffer, Tricia

Sent: Thursday, May 28, 2015 12:38 PM **To:** Card, Joan; Schmit, Ayn; Hestmark, Martin

Subject: FW: Update on well review

Please advise on response to email inquiry below.

--t

Tricia Pfeiffer

Environmental Engineer

US EPA Region 8 Watershed & Aquifer Protection Unit Phone: (303) 312-6271 Fax: (303) 312-7150 http://www.epa.gov/region8/ecosystems/ ******************* **US EPA Region 8** 1595 Wynkoop Street Mail Code 8EP-EPR Denver, Colorado 80202 ******************* From: L Bracken (b) (6) Sent: Thursday, May 28, 2015 11:53 AM To: Pfeiffer, Tricia Cc: 'Stuart Ellsworth - DNR'; 'David Andrews - DNR'; 'Fischer - DNR, Alex'; Oberley, Gregory; Schmit, Ayn Subject: RE: Update on well review Tricia et al, I am writing to inquire as to any advanced understanding that may have arisen from any discussion among staff between the EPA and COGCC regarding the on-going evidence of methane seepage/discharge along West Divide Creek.

Although you had indicated in a previous e-mail that you would notify me of the outcome of any such discussions, I wanted to confirm the status of such discussions before considering future steps.

2017-002976-0000101

It is frustrating that the COGCC has failed to pursue any understanding of what appears to be a methane-related discharge into West Divide Creek (again, first noted by myself and reported to COGCC and EPA 10-20-14). Relative to this and similar past issues, and given the historically determined, currently observable as well as potential future impacts to wildlife and the health of potable water upon which we and other down-stream users depend, I feel compelled to pursue additional avenues of discovery and understanding on these matters.

I appreciate any efforts thus far engaged by both the EPA and the COGCC relative to these persistent issues. It is unfortunate that no apparent meaningful, let alone conclusive discourse has yet arisen between these two overseeing agencies relative to; 1) the documented and degraded conditions of this oil and gas production field; 2) the increasingly imperiled waters of West Divide Creek; nor, therefore, 3) reassuring measures to better correct and prevent future degradation through appropriate and collaborative agency study of this enduring, physically discernable situation.

Thank you once again for the time and effort your team and others at the COGCC may have invested and may further invest in this issue.

Whereas I hope to receive affirmative news on advancing technical discussions among staff, this long absence of updates leads me to be believe none may be forthcoming.

I do, however, hopefully await any update.

Thank you, Lisa Bracken

From: Pfeiffer, Tricia [mailto:Pfeiffer.Tricia@epa.gov]

Sent: Thursday, April 16, 2015 11:15 AM

To: L Bracken

Cc: 'Stuart Ellsworth - DNR'; 'David Andrews - DNR'; 'Fischer - DNR, Alex'; Oberley, Gregory; Schmit,

Ayn

Subject: RE: Update on well review

Lisa,

Can you explain what "methane reduction activity along the easterly bank of West Divide Creek" is referring to?
tricia
Tricia Pfeiffer
Environmental Engineer
US EPA Region 8 Watershed & Aquifer Protection Unit
Phone: (303) 312-6271
Fax: (303) 312-7150
http://www.epa.gov/region8/ecosystems/

US EPA Region 8
1595 Wynkoop Street
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Denver, Colorado 80202

From: L Bracken (b) (6)
Sent: Wednesday, April 15, 2015 1:03 PM

To: Pfeiffer, Tricia

Cc: 'Stuart Ellsworth - DNR'; 'David Andrews - DNR'; 'Fischer - DNR, Alex'; Oberley, Gregory;

Schmit, Ayn

Subject: RE: Update on well review

Tricia, et al,
Thank you for your reply; given that we are still seeing what appears to be as-yet uninvestigated methane reduction activity along the easterly bank of West Divide Creek just upstream from our domestic water well, I look forward to insights gained from cooperative discussion among your agency's reviewing teams.
Lisa Bracken
From: Pfeiffer, Tricia [mailto:Pfeiffer.Tricia@epa.gov] Sent: Thursday, April 09, 2015 4:15 PM To: L Bracken Cc: Stuart Ellsworth - DNR; David Andrews - DNR; Fischer - DNR, Alex; Oberley, Gregory; Schmit, Ayn Subject: RE: Update on well review
Hey Lisa,
Sorry for the delayed response. Though we have not had the technical discussions mentioned in the email below, the discussions are ongoing. I am cc'ing Alex, David and Stuart—I'd like to keep them in the loop on email inquiries related to your request. I will let you know when there is something to report.
Thanks,
Tricia
Tricia Pfeiffer
Environmental Engineer
US EPA Region 8 Watershed & Aquifer Protection Unit
Phone: (303) 312-6271

http://www.epa.gov/region8/ecosystems/ **************** US EPA Region 8 1595 Wynkoop Street Mail Code 8EP-EPR Denver, Colorado 80202 ****************** From: L Bracken (b) (6) Sent: Monday, March 16, 2015 1:14 PM To: Pfeiffer, Tricia Subject: RE: Update on well review Hi Tricia, I am just checking in with you and your team to see if there has been any progress in the review process noted below. I understand these things take time, especially in light of acknowledged complexities. Thanks for any update you may be able to provide. Lisa Bracken From: Pfeiffer, Tricia [mailto:Pfeiffer.Tricia@epa.gov] Sent: Monday, February 02, 2015 6:05 PM To: L Bracken Cc: David Andrews - DNR; Fischer - DNR, Alex; Stuart Ellsworth - DNR; Schmit, Ayn; Oberley, Gregory Subject: RE: Update on well review

Fax: (303) 312-7150

Lisa,

Thanks for your email inquiry. The region has completed a preliminary analysis of data on construction of gas wells in your area. We have had an initial meeting with COGCC regarding our results, and agreed that further discussion among technical staff to collectively understand the data and observations is an important next step. There may be additional data and information that we aren't yet aware of that helps us all better understand the situation. We hope to be having these conversations over the next several months, and expect to get back in touch with you once those discussions have concluded.

Thanks,
Tricia
Tricia Pfeiffer
Environmental Engineer
US EPA Region 8 Watershed & Aquifer Protection Unit
Phone: (303) 312-6271
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From: L Bracken (b) (6)

Sent: Sunday, January 25, 2015 1:04 PM
To: Pfeiffer, Tricia
Subject: Update on well review

Hi Tricia,

I'm checking in to see if there is an update available on the EPA's review of oil/gas wells in the Divide Creek area? If it's completed, can you please let me know where I can obtain a report?

Thanks, Lisa Bracken